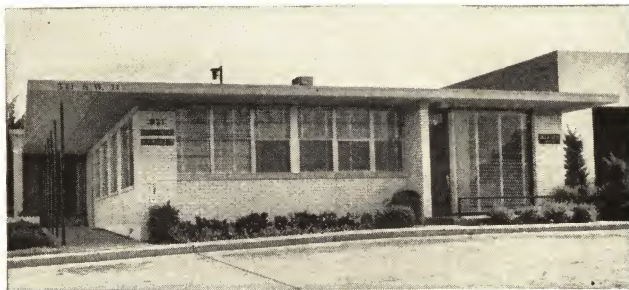


APCO

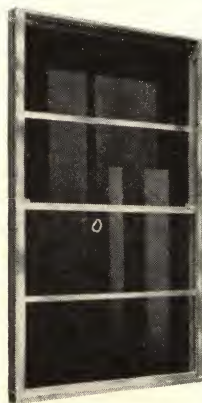
aluminum windows



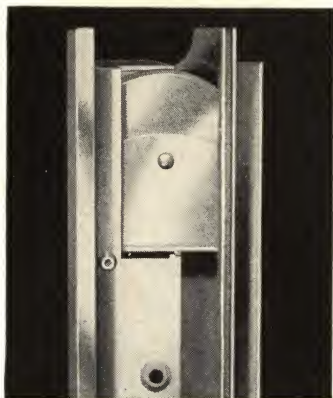
ALUMINUM PRODUCTS CO.
1901 FRANKLIN AVE. • HOUSTON 2, TEXAS



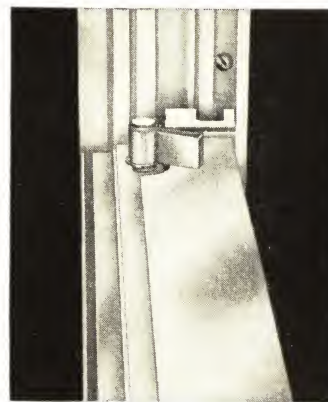
special features



fixed upper sash—The fixed upper sash permits absolutely weather-tight construction, a factor of vital importance in modern air conditioning. The meeting rail is tenoned through the jambs, affording much greater rigidity and structural strength than is possible in the conventional double-hung window with two sash operating independently in the same frame.



spring tape balances—Concealed within the frame jambs are two stainless steel spring tape balances which offer the utmost in lifetime operation. This type of balance combines with APCO's unique weatherstripping to assure silent, finger tip sash operation.



twin locks—Specially designed twin locks assure maximum protection against intruders. Attractive lock levers are placed at the extreme sides of the meeting rail for strength and beauty. They are made from 75 S-T-6 aluminum alloy and assembled with stainless steel washers and compression springs for additional protection against air infiltration. They do not obstruct the line of vision.

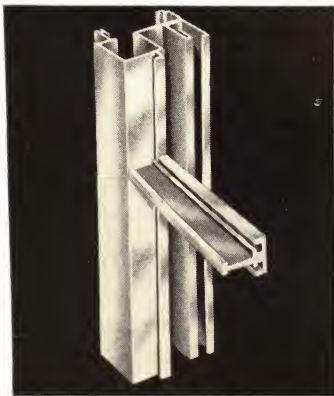


weatherstripping — APCO weatherstripping is made of woven pile fabric manufactured from the finest wool obtainable, and backed with aluminum. This design assures perfect operation year in and year out, with a minimum of air infiltration in any weather.

Whether you plan a commercial building, a costly residence, or a modestly priced home, you will want to know about this most versatile window before you specify. APCO extruded aluminum window is readily adaptable to many types of construction. Its low cost, easy installation, and long life recommend it to every builder. In these pages you will find a brief statement of APCO Window features and advantages, with important construction details. You are invited to ask for additional information.



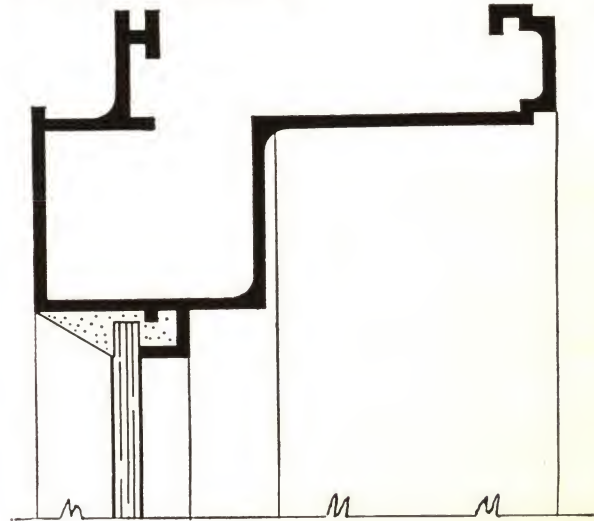
extruded sections—The heavy extruded aluminum sections of APCO Windows have been specially designed to provide the maximum obtainable strength in relation to cross sectional area. The hollow bottom rail incorporates an integral continuous lift which adds the virtue of convenience in sash operation and, at the same time, increases the sturdy strength of this section.



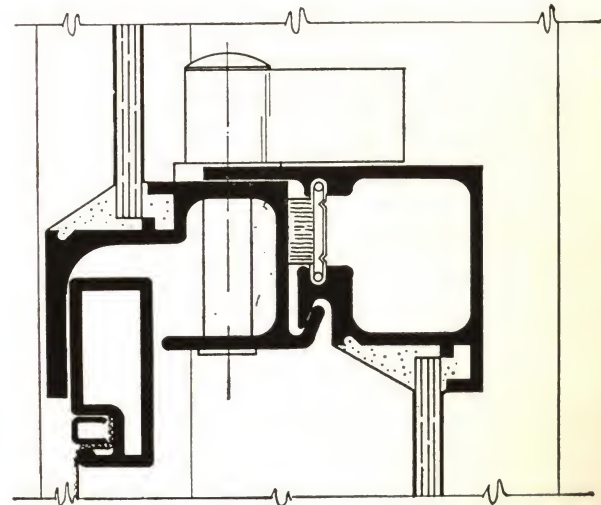
muntin—The heavy tee muntin is secured to the aluminum frame by a special patented method. Its scientific design and sturdy construction make it resistant to wind pressures. Modern clear cut lines add real beauty to the window and improve its strength.

full size sections

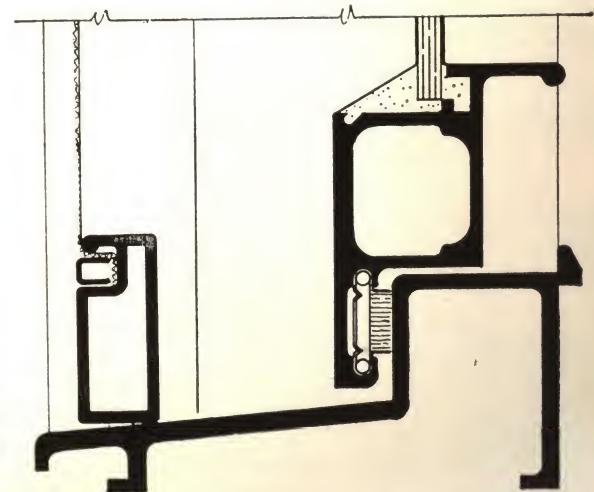
5a
ALm



head



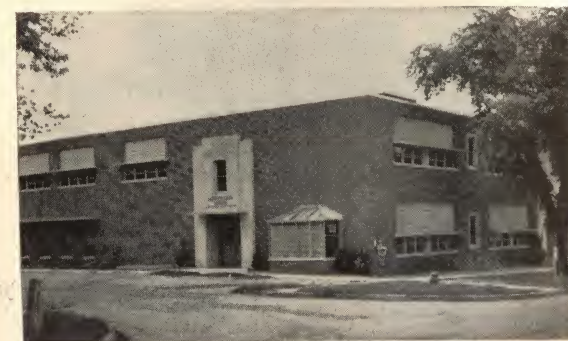
meeting rail







sill

stock sizes and types

APCO offers a large selection of stock window sizes which are illustrated on this page. All stock sizes are available in various muntin bar arrangements such as Style B (all muntins removed) and Style C (horizontal and vertical muntin arrangement). Custom sizes are available in any dimensions up to and including 3'5 1/4" in width and 9' in height. Windows 2'0 5/8" high available in all widths shown.



Window Overall	2'-1 1/4"	2'-9 1/4"	3'-1 1/4"	3'-5 1/4"
2'-8 7/16"	 2028	 2828	 3028	 3428
3'-0 7/16"	 2030	 2830	 3030	 3430
3'-4 7/16"	 2034	 2834	 3034	 3434
4'-0 7/16"	 2040	 2840	 3040	 3440
4'-8 7/16"	 2048	 2848	 3048	 3448
5'-0 7/16"	 2050	 2850	 3050	 3450
5'-4 7/16"	 2054	 2854	 3054	 3454
6'-2 9/16"	 2062	 2862	 3062	 3462

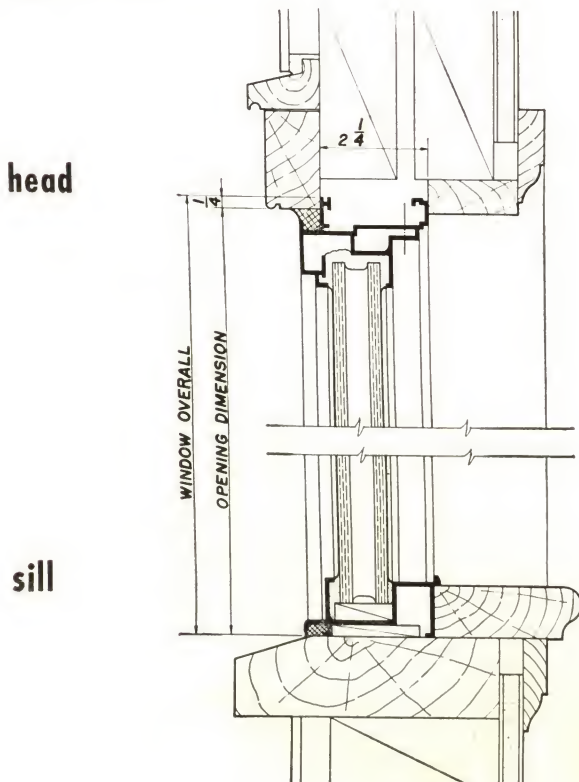
picture windows



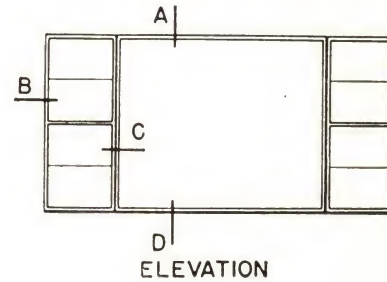
APCO manufactures a complete line of picture window frames to be used in connection with its stock windows. Standard widths are 4'1 1/4", 5'1 1/4", and 6'1 1/4", available in all standard heights as shown on the window schedule. The APCO picture window combination as detailed opposite is particularly attractive in that all units fit flush jamb to jamb and the outside mullion cover presents a clean unbroken appearance unmarred by bolts or screws of any kind. The APCO picture frame will accommodate any size glass up to and including 1" Thermopane.

double insulating glazing

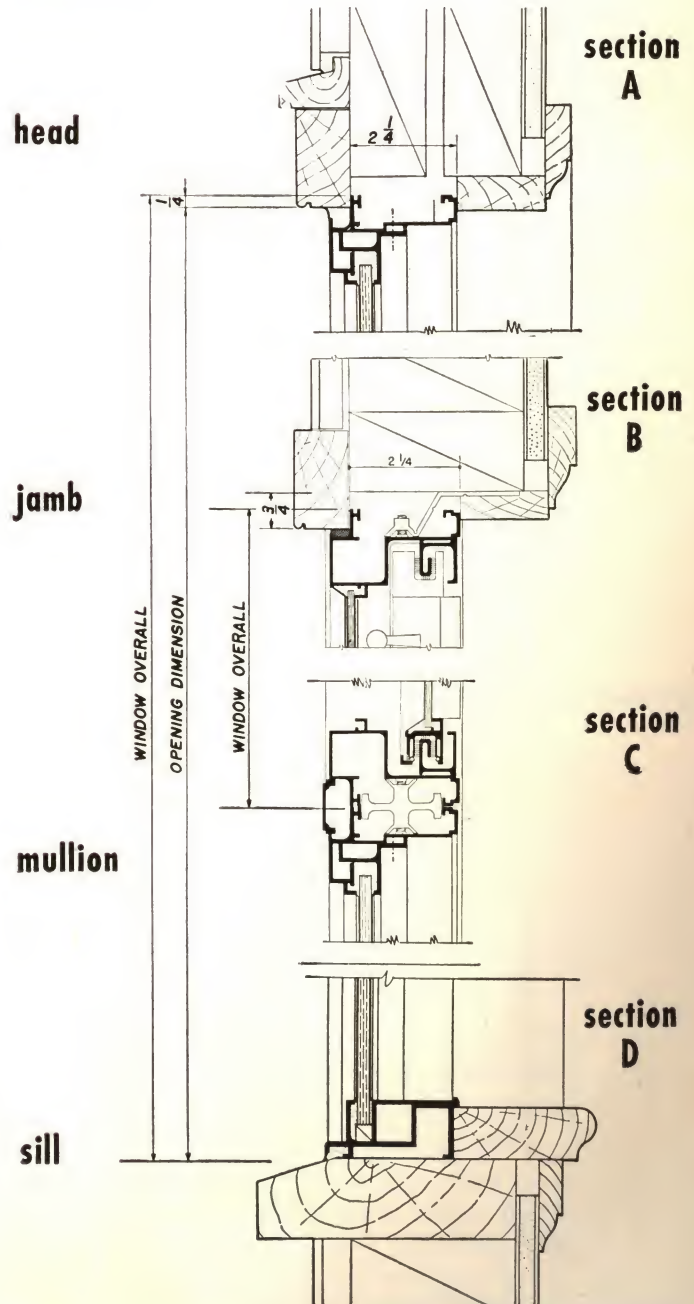
scale: 3" = 1'0"



combination details—single glazing

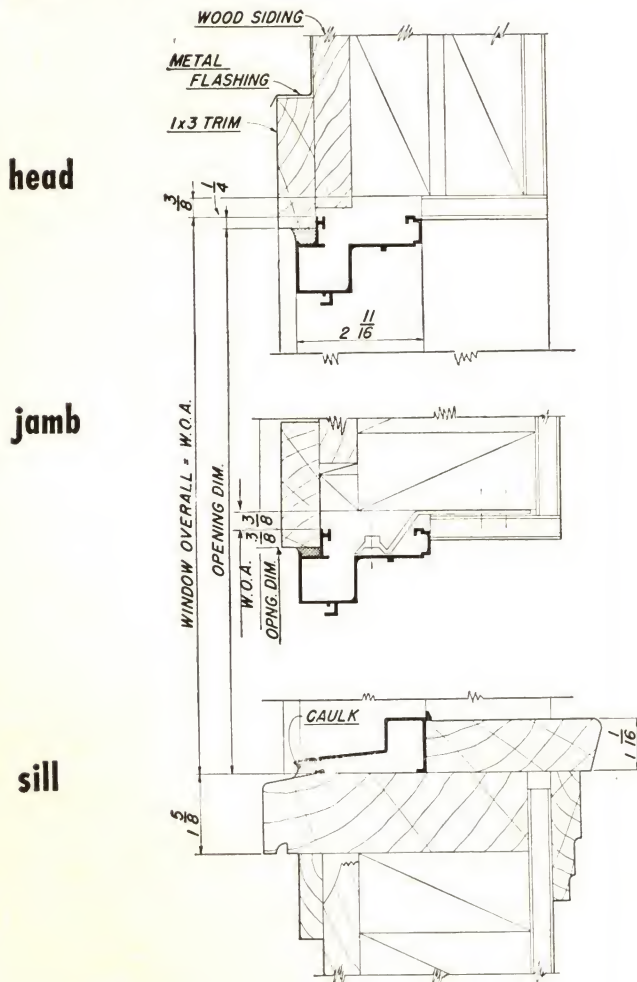


scale: 3" = 1'0"



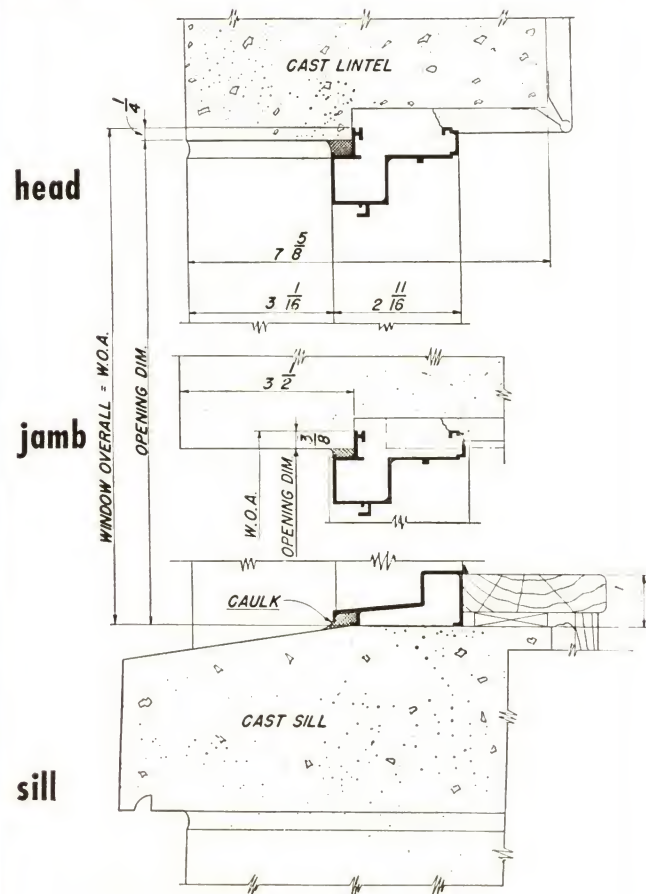
wood frame

scale: 3" = 1'0"



block construction

scale: 3" = 1'0"



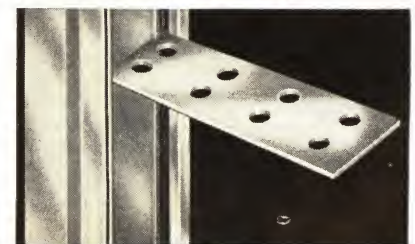
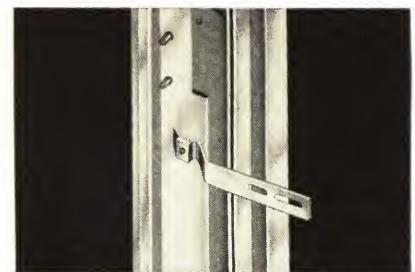
caution: Protect all surfaces of aluminum which come in contact with mortar by using bituminous paint or asphaltum.

floating installation

APCO's jamb anchor which is adaptable for use in all types of construction except masonry, has eliminated many of the installation difficulties that exist in present day field conditions. Readily affixed to the window frame with stainless steel screws furnished by APCO, jamb anchors afford a permanent yet flexible installation.

masonry anchor

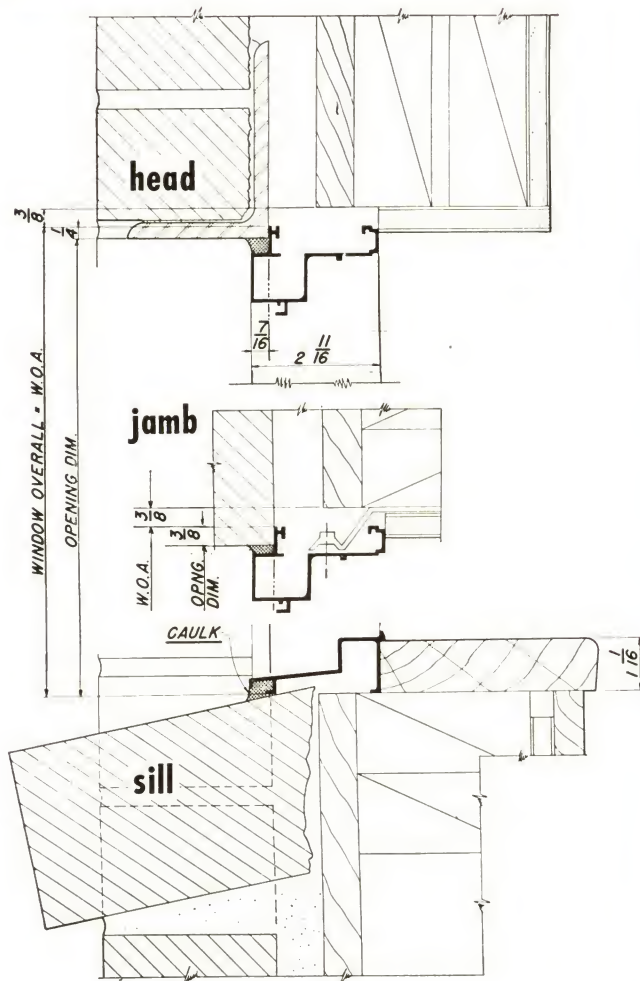
APCO's special anchor for masonry installations locks into the jamb by a twist of the wrist. The projecting part of the anchor then lies on the mortar between the masonry units and holds the window securely in place. When this anchor is used the APCO window should be set as the walls are raised.



installation details

brick veneer

scale: 3" = 1'0"



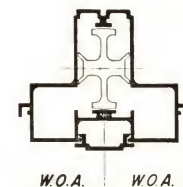
aluminum windows

5a
ALm

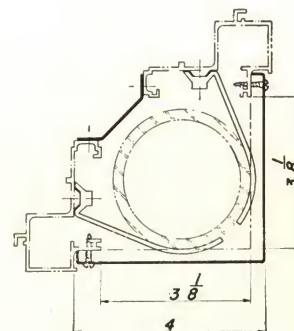
mullion details

scale: $3'' = 1'0''$

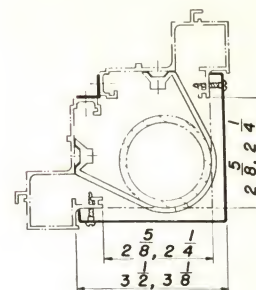
typical mullion



**mullion
style 90D**



**mullion
style 90C,
style 90B**



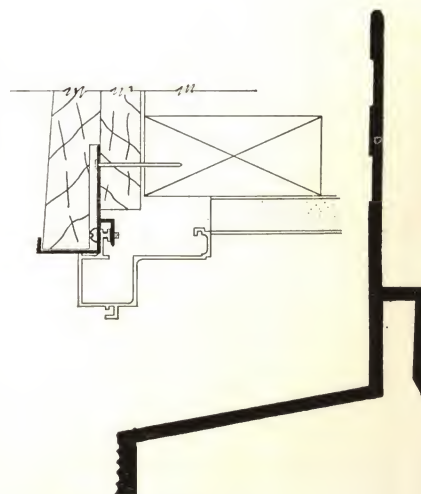
note: Mullion covers are formed from .051 sheet aluminum, are drilled and furnished complete with attaching screws.

fin trim

APCO furnishes an optional extruded fin trim accessory which is designed to afford an additional installation procedure to those outlined on opposite page. Use of the fin trim accessory allows extremely rapid installation and results in a trim finished appearance. It provides an economical installation by eliminating such cost items as brick mold, drip cap, and sill, as well as a saving in labor.

Flanges of the fin trim are nailed to the sheathing or studding, and the siding or brick veneer may be returned to the exposed fin as suggested in the accompanying installation detail. Installation detail of jamb is similar to head detail shown.

Full size section of fin trim is shown at right.



specifications

Windows shall be Aluminum double-hung type with fixed upper sash and fixed meeting rail tenoned through jambs as manufactured by Aluminum Products Co., Houston, Texas.

materials—Both window frames and sash shall be Alcoa 63S-T5 or equivalent. Thickness of sash and frame members .063" with .078" thick frame sill.

finish—Shall be standard mill finish with reasonably uniform natural color. No serious surface defects. All units shall receive a coating of special water white metal lacquer preceding shipment from factory.

construction—A permanently water-tight joint shall be made at the corners of sash and frame. All corners shall be constructed in a quality manner which shall be representative of the entire unit in accordance with manufacturer's shop practice. Heads and jambs are to be joined by the brazing technique and are to be mitred; sills and jambs to be joined mechanically and re-inforced by corner blocks.

weatherstripping—Metal backed woven wool pile fabric around entire periphery of operating sash.

hardware—"Twin Locks" attached to fixed meeting rail. Integral continuous lift on bottom rail of sash.

sash balances—Shall be of the spring tape type concealed in the frame jambs.

glazing—Unless otherwise specified, all windows shall be factory glazed with single strength window glass using glazing clips where necessary. Compound suitable for Aluminum windows shall be used to set glass.

accessories—screens—Half vertical length screens will be furnished as standard. Full length screens available at slight additional cost. Screens will be equipped with 16 mesh Alclad 56S or equivalent screen cloth.

jamb anchors—Sufficient quantity of jamb anchors complete with screws for attaching to window will be furnished with each window.

masonry type anchors—available upon request.

fin trim accessories—available upon request.

mullions—Where two or more windows are to be installed in a single wall opening, provisions shall be made to provide a satisfactory vertical mullion.

erection—Window frames and sash to be erected by experienced erection contractor in a true and plumb position and securely anchored in place.



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